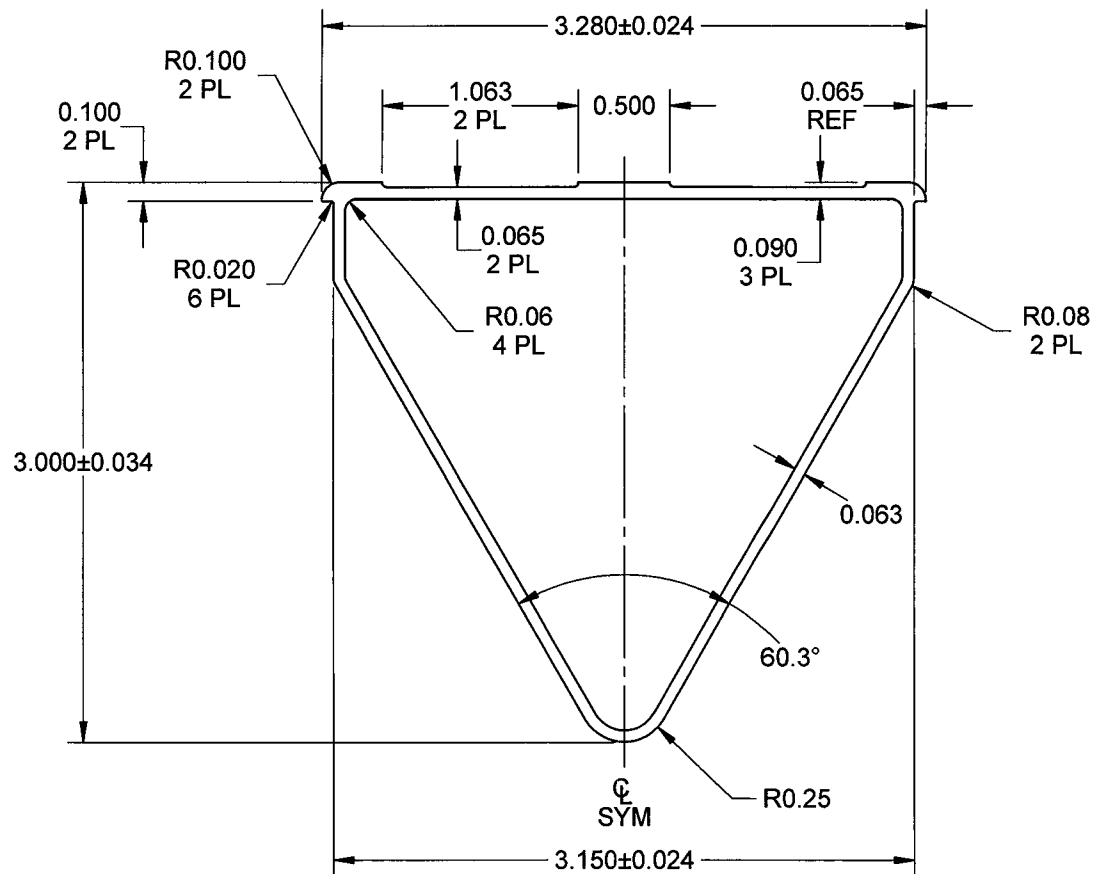


SPECIFICATION CONTROL DRAWING



D5789-XXX STEP EXTRUSION
(DERIVED FROM AERO DESIGN P/N 78240)

PART NUMBER IS D5789-XXX WHERE "XXX" IS LENGTH IN INCHES
(EG. D5789-120 IS 120" LONG)

NOTES:

- 1) MATERIAL: 6061-T6 ALUMINUM PER AMS QQ-A-200/8 OR ASTM B221
MINIMUM TENSILE YIELD STRENGTH = 35 KSI
MINIMUM ULTIMATE TENSILE STRENGTH = 38 KSI
MINIMUM ELONGATION = 8%
A SAMPLE FROM EACH BATCH WILL BE PULL TESTED TO ASTM STANDARD B221 BY AN APPROVED TESTING FACILITY TO ENSURE THAT THE BATCH MEETS THE MINIMUM MECHANICAL PROPERTIES ABOVE
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
TWIST: 1/4°/1 FT, 3° MAX
FLATNESS: 0.006 IN/1 IN
STRAIGHTNESS: 0.0125 IN/1 FT
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N AND BATCH NUMBER PER DART QSI 044 SECTION 6.1
- 7) WEIGHT: 0.060 lb/in
- 8) NO TOOLING MARKS

RELEASED

2020 MAY 19
EN 2020.559

APPROVED

A	NEW ISSUE		RF	20.01.13
REV.	DESCRIPTION		BY	DATE
DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN	RF			
CHECKED	KPT	DRAWING NO. D5789		REV. A
MFG. APPR.	DD			SHEET 1 OF 1
APPROVED	VS	TITLE STEP EXTRUSION		SCALE
DE APPR.	DS			NTS
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